

## 20 PLE FLEXIK

8W / 6.2W FLEXIBLE WHITE LED MODULE

20 Pro flexiK 8W is formerly known as 20 Pro flexiK  
 20 Pro flexiK 6.2W is formerly known as 20 Classic flexiK



## AVAILABLE OPTIONS

## LED MODULE

flexiK



1800K

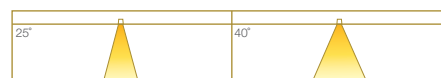
5500K



ProART



flexiK



## DRIVER DIMMING



(PH)



(AN)



(DA)

## TECHNOLOGY AND FEATURES



Advanced Thermal  
Protection System



Low Flicker,  
No Risk  
(IEEE 1789)



Converging Optical Lens  
Maximising LOR

## DIMENSIONS (MM)



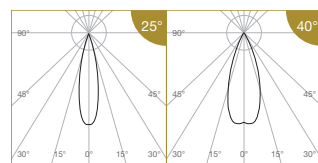
For designated fixtures only and NOT to be operated  
independently or with downlight fixtures.

## SPECIFICATIONS

Family Type	20 Series
Typical Operating Voltage	34V
Typical Operating Current	230mA (20 PLE flexiK 8W), 180mA (20 PLE flexiK 6.2W)
System / Input Power	9.8W (20 PLE flexiK 8W), 7.6W (20 PLE flexiK 6.2W)
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR NEBULA-2 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	25°, 40°
Colour Temperatures	flexiK (any CCT within 1800K - 5500K by increment of 100K)
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED engine only)
Weight	35g (LED engine), 92g (driver)
Dimming	Phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

## 20 PLE flexiK



Height (m)		E <sub>max</sub> (lx)	
		25°	40°
1	E(0°)	1546	1364
	Cone Ø (m)	0.45	0.72
2	E(0°)	386	341
	Cone Ø (m)	0.91	1.45
3	E(0°)	172	152
	Cone Ø (m)	1.36	2.17
4	E(0°)	97	85
	Cone Ø (m)	1.82	2.90
5	E(0°)	62	55
	Cone Ø (m)	2.27	3.62

Correction Factor: 20PLE TW / FK 6.2W - f = 0.84

ELR LED Engine				Luminous Flux (lm)	
Type	LED Power	System Power	CRI	5500K	
				25°	40°
20 PLE FK	8W	9.8W	ProART CRI~95	735	735
	6.2W	7.6W	ProART CRI~95	615	615

Data are based on maximum output at 5000K - 5500K range.  
3500K - 5000K will have a nominal data value of 5% lower than published.  
2700K - 3500K will have a nominal data value of 10% lower than published.  
2400K - 2700K will have a nominal data value of 20% lower than published.  
1800K - 2400K will have a nominal data value of 30% lower than published.

Nominal CRI~95, equals to Ra>90-97, R9>50

## ORDERING MATRIX CHART

LED Engine							
LED Power		Beam Angle		Colour Temp		CRI	
ELR20PLE.8		8W	25°	25°	FK##	flexiK	PA ProART
ELR20PLE.6		6.2W	40°	40°			

## denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.

example: ELR20PLE.8.40.FK35.PA.PH

Driver					
Type		Dimming		Output Power	
MP.DRA	Modular Pro ATePS Driver	PH	Phase	8	8W
		AN	0-10V	6	6.2W
		DA	DALI		

example: MP.DRA.DA.8

Note: Please ensure that LED Power of LED engine matches the Output Power of driver when ordering.